

Ground Soldier Ensemble (GSE)



The Ground Soldier Ensemble (GSE) is an integrated dismounted Soldier situational awareness (SA) system for use during combat operations. The system provides unparalleled situational awareness to the dismounted Soldier, allowing for faster and more accurate decisions in the tactical fight. By being in the right place at the right time, with the right equipment, Soldiers are more effective and more lethal in the execution of their combat mission. The initial increments of the GSE program will focus on the development of the SA system.

The centerpiece capability of GSE is the ability to graphically display the individual Soldier location on a digital geo-referenced image. Additional Soldier locations will also be graphically displayed on the digital medium through the Army Battle Command System, connected through a radio that will send and receive information, thus connecting the dismounted Soldier to the network. These radios will also connect the combat Soldier to higher-echelon data and information products to assist in decision making and situational understanding. All of this will be integrated on a graphic user interface that is user-defined, allowing the Soldier to easily see, understand, and interact in the method that best suits the user and the particular mission.

Ground Soldier will employ a system-of-systems approach, optimizing and integrating capabilities while reducing the Soldier's combat load and logistical footprint. Soldier system spiral development that began with Land Warrior will continue with the GSE.

